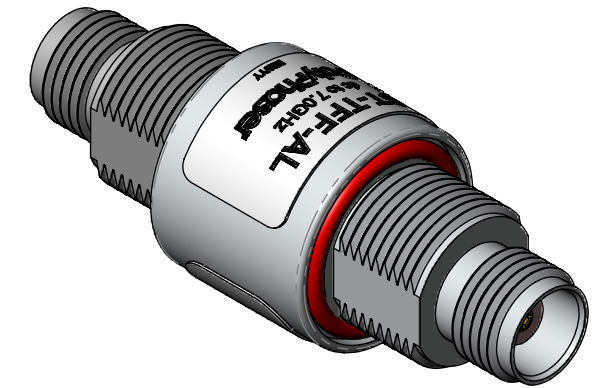
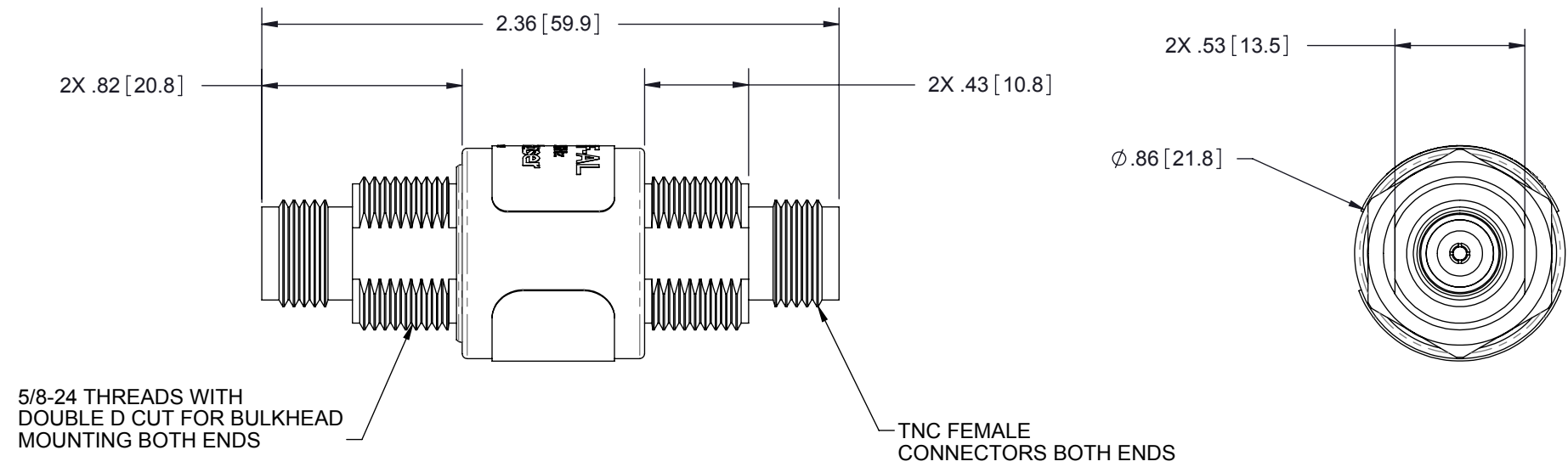


REVISIONS				
REV.	DESCRIPTION	ECN	DATE	APPROVED
J	REFER TO ECN	13762	5/24/17	EJD



MAXIMUM CHARACTERISTICS

APPLICATION:
 BULKHEAD MOUNT/ALUMINUM CONSTRUCTION
 WEATHER PROOF WHEN INSTALLED
 FREQUENCY RANGE:
 dc TO 7.0GHz
 MAX RF POWER:
 90W/C @ 30MHz
 9W/CW @ 3GHz
 VSWR:
 dc TO 2.0GHz @ <1.1 TO 1
 dc TO 3.0GHz @ <1.25 TO 1
 dc TO 7.0GHz @ <1.4 TO 1
 INSERTION LOSS:
 dc TO 3.0GHz @ <0.1dB
 dc TO 4.0GHz @ <0.25dB
 dc TO 7.0GHz @ <0.5dB
 RETURN LOSS:
 dc TO 2.0GHz @ >30dB
 dc TO 3.0GHz @ >20dB
 dc TO 7.0GHz @ >15dB

HARDWARE KIT	
QTY.	DESCRIPTION
1	BRACKET MOUNTING AL 5052-H32 CHINA
2	NUT 8-32 HEX 18-8 SS
2	WASHER #8 410 SS INTERNAL
2	SCREW 8-32x.50 PHIL MS PAN 18-8 SS

DISCHARGE DEVICE CHARACTERISTICS

SURGE:
 20kA ONE TIME @ IEC 61000-4-5 8/20µs WAVEFORM
 IMPULSE SPARKOVER:
 500 VOLTS @ 1000V/µs
 dc SPARKOVER ±20%:
 300 VOLTS
 dc HOLDOVER:
 80 VOLTS @ <150ms
 MAX OPERATING CURRENT:
 10A
 TEMPERATURE:
 -55°C TO +85°C STORAGE/OPERATING
 ENVIRONMENTAL:
 MEETS IEC 60529 IP67 WHEN CONNECTED
 CE COMPLIANT
 RoHS COMPLIANT

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CUSTOMER APPROVAL: _____ DATE: _____

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	DRAWN R. DUNNING	DATE 6/10/09				
	ENG APPD J. JONES	9/30/09				
TOLERANCES: FRACTIONS=± 1/32 .XX=± .01 ANGLES=± 1° .XXX=± .005	PRODUCT MGR L. JACQUES	MARKETING APPD	TITLE GAS TUBE NON-REPLACEABLE dc-7GHz 50-100 TNC FEM			
MATERIAL NA	PROJECT NO. T. EATON		CUSTOMER SPECIFICATION			
THIRD-ANGLE PROJECTION 	NOTICE: THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSECTOR SYSTEMS. ALL RIGHTS RESERVED.		SIZE B	CAGE 30992	PART NUMBER GT-TFF-AL	REV J
	SCALE 3:2	PROD CAT RFP	DOCUMENT NAME GT-TFF-AL-C	SHEET 1	OF 1	